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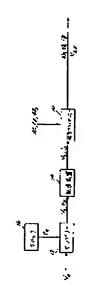
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## (54) INTERPOLATION METHOD AND DEVICE BETWEEN DATA SAMPLES

## (57)Abstract:

PURPOSE: To obtain an interpolated value including accurate information by interpolating data samples so as to generate an interpolation value including frequency area information used to accurately copy a frequency spectrum of an analog signal.

CONSTITUTION: A signal processor 10 receives control information from an external signal source such as a time interval between display times tS, a resampling time to execute interpolation of display at a time tR, the number of times tR, required for display at B1S, that is, a size of a data block. The signal processor 10 receives values VS, tS stored in a storage device 14 as required. The signal processor 10 receives the values VS, tS stored in a storage device 14. The signal processor 10 generates a series of interpolation values for display as a value VIV based on control information and the values VS, tS generated externally. The value VIV includes not only time area information but also frequency area information. Thus, both the time area information and



the frequency area information included in a VO signal are accurately copied by using the value VIV.

## **LEGAL STATUS**

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